

Fig. 1

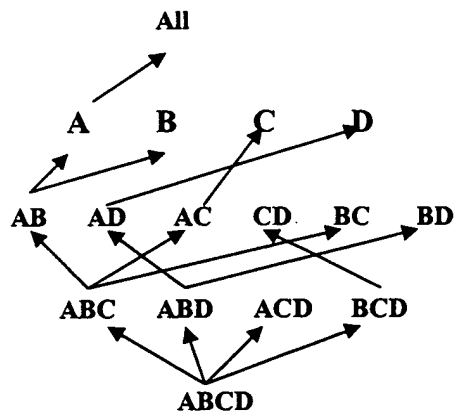


FIG. 2

200						202				
A	B	C	D	sum(E)		A	B	C	D	sum(E)
1	1	1	1	1	redistribute hash on A, B, C, all	1	1	1	all	1
1	1	1	2	5		1	1	1	all	5
1	1	2	1	19		1	1	2	all	19
1	1	2	2	12		1	1	2	all	12

204						206				
A	B	C	D	sum(E)		A	B	C	D	sum(E)
sort & aggregate					merge into ji_cube2	1	1	1	all	6
						1	1	2	all	31

FIG. 3

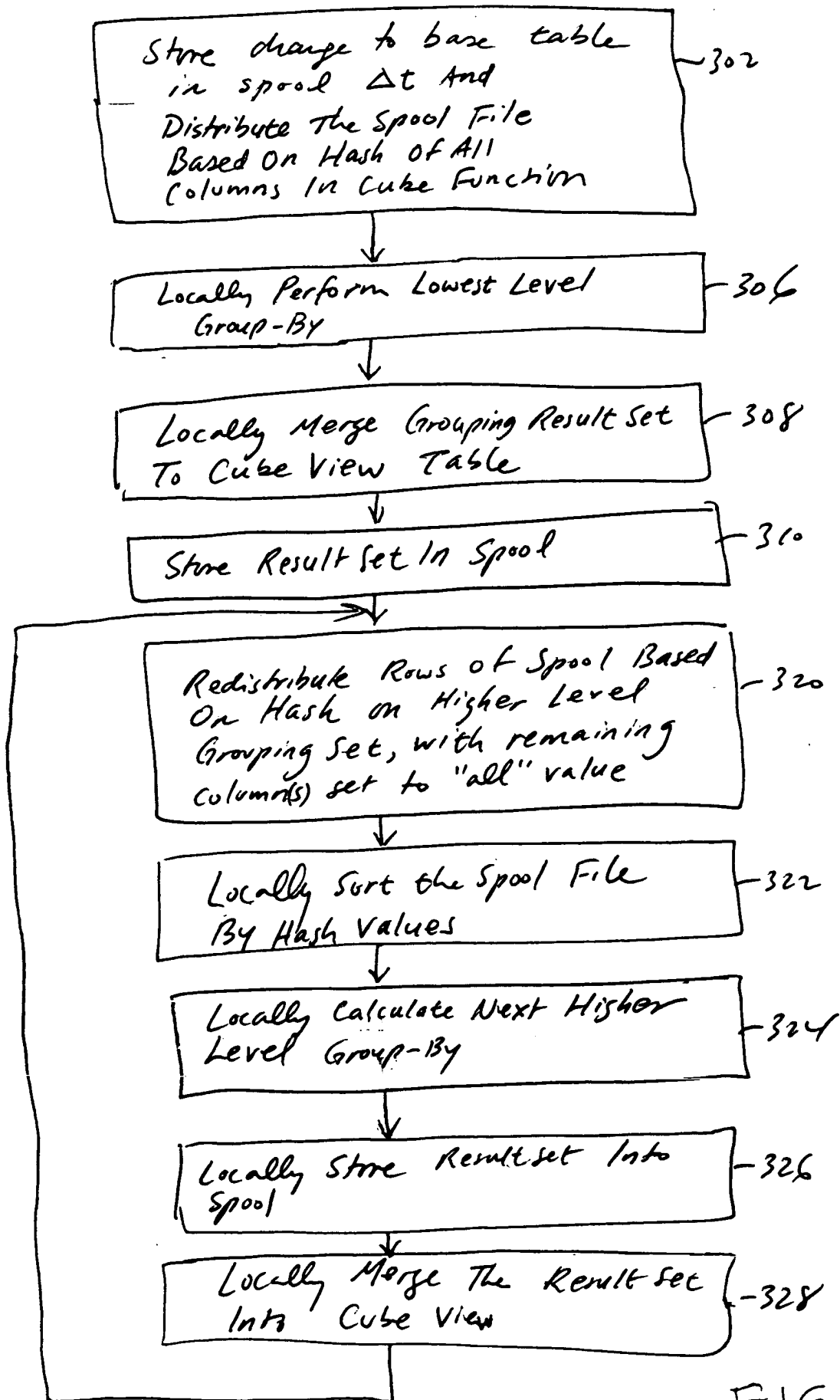


FIG. 4